

**Amendments to the Claims:**

Please amend the claims as follows. This listing of claims replaces all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method comprising:  
determining a plurality of discrete cosine transform (DCT) coefficients based on a discrete cosine transform of a plurality of blocks of data;  
providing a first DCT-encoded signal which uses at most  $t$  coefficient bits to represent each of the DCT coefficients; and  
providing a second DCT-encoded signal which uses at most  $u$  coefficient bits, wherein  $u$  is less than  $t$ , to represent each of the DCT coefficients by removing at least one lesser-significant bit from each of the DCT coefficients having  $t$  coefficient bits  
wherein a single compression engine provides the first and second DCT-encoded signals at substantially the same time.
2. (Original) The method of claim 1 further comprising:  
providing a third DCT-encoded signal which uses at most  $v$  coefficient bits to represent each of the DCT coefficients by removing at least two lesser-significant bits from each of the DCT coefficients having  $t$  coefficient bits;  
wherein  $v$  is less than  $u$ .
3. (Original) The method of claim 1 wherein the first DCT-encoded signal uses  $t$  coefficient bits to represent each of the DCT coefficients, and wherein the second DCT-encoded signal uses  $u$  coefficient bits to represent each of the DCT coefficients.
4. (Original) The method of claim 1 wherein the first DCT-encoded signal is provided to a first data communication link having a first bandwidth, wherein the second DCT-encoded signal is provided to a second data communication link having a second bandwidth, and wherein the first bandwidth is greater than the second bandwidth.

5. (Original) The method of claim 1 wherein the first DCT-encoded signal has a first data rate, wherein the second DCT-encoded signal has a second data rate, and wherein the first data rate is greater than the second data rate.
6. (Original) The method of claim 1 wherein the first DCT-encoded signal and the second DCT-encoded signal are substantially synchronized.
7. (Original) The method of claim 1 wherein  $t$  is equal to 13 or 14.
8. (Currently Amended) A computer-usable medium having computer program code to direct a computer system to perform acts of:
  - determining a plurality of discrete cosine transform (DCT) coefficients based on a discrete cosine transform of a plurality of blocks of data;
  - providing a first DCT-encoded signal which uses at most  $t$  coefficient bits to represent each of the DCT coefficients; and
  - providing a second DCT-encoded signal which uses at most  $u$  coefficient bits, wherein  $u$  is less than  $t$ , to represent each of the DCT coefficients by removing at least one lesser-significant bit from each of the DCT coefficients having  $t$  coefficient bits;wherein a single compression engine provides the first and second DCT-encoded signals at substantially the same time.
9. (Original) The computer-usable medium of claim 8 wherein the computer program code further is to direct the computer system to perform an act of:
  - providing a third DCT-encoded signal which uses at most  $v$  coefficient bits to represent each of the DCT coefficients;
  - wherein  $v$  is less than  $u$ .
10. (Original) The computer-usable medium of claim 8 wherein the first DCT-encoded signal uses  $t$  coefficient bits to represent each of the DCT coefficients, and wherein the second DCT-encoded signal uses  $u$  coefficient bits to represent each of the DCT coefficients.

11. (Original) The computer-usable medium of claim 8 wherein the first DCT-encoded signal is provided to a first data communication link having a first bandwidth, wherein the second DCT-encoded signal is provided to a second data communication link having a second bandwidth, and wherein the first bandwidth is greater than the second bandwidth.
12. (Original) The computer-usable medium of claim 8 wherein the first DCT-encoded signal has a first data rate, wherein the second DCT-encoded signal has a second data rate, and wherein the first data rate is greater than the second data rate.
13. (Original) The computer-usable medium of claim 8 wherein the first DCT-encoded signal and the second DCT-encoded signal are substantially synchronized.
14. (Original) The computer-usable medium of claim 8 wherein  $t$  is equal to 13 or 14.
15. (Currently Amended) A system comprising:  
a single compression engine to determine a plurality of discrete cosine transform (DCT) coefficients based on a discrete cosine transform of a plurality of blocks of data, to provide a first DCT-encoded signal which uses at most  $t$  coefficient bits to represent each of the DCT coefficients, and to provide a second DCT-encoded signal which uses at most  $u$  coefficient bits, wherein  $u$  is less than  $t$ , to represent each of the DCT coefficients by removing at least one lesser-significant bit from each of the DCT coefficients having  $t$  coefficient bits, and wherein the single compression engine provides the first and second DCT-encoded signals at substantially the same time.
16. (Original) The system of claim 15 wherein the compression engine further is to provide a third DCT-encoded signal which uses at most  $v$  coefficient bits to represent each of the DCT coefficients, wherein  $v$  is less than  $u$ .
17. (Original) The system of claim 15 wherein the first DCT-encoded signal uses  $t$  coefficient bits to represent each of the DCT coefficients, and wherein the second DCT-encoded signal uses  $u$  coefficient bits to represent each of the DCT coefficients.

18. (Original) The system of claim 15 wherein the first DCT-encoded signal is provided to a first data communication link having a first bandwidth, wherein the second DCT-encoded signal is provided to a second data communication link having a second bandwidth, and wherein the first bandwidth is greater than the second bandwidth.
19. (Original) The system of claim 15 wherein the first DCT-encoded signal has a first data rate, wherein the second DCT-encoded signal has a second data rate, and wherein the first data rate is greater than the second data rate.
20. (Original) The system of claim 15 wherein the first DCT-encoded signal and the second DCT-encoded signal are substantially synchronized.
21. (Original) The system of claim 15 wherein  $t$  is equal to 13 or 14.
22. (Original) The system of claim 15 wherein the compression engine is to remove at least one lesser-significant bit from each of the DCT coefficients having  $t$  coefficient bits.